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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b). I hereby appoint Practitioners associated with the Customer Number: 35690 OR Practitioner(s) named below (if more then sen patent practitioners are to be named, then a customer number must be used); Registration Registration Name Name Number Number 35 afformey(5) of agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment socuments attached to this form in accordance with 37 CFR 3 73(b) Please change the correspondence address for the application identified in the attached statement under 37 CFR 3 73(b) to: The address associated with Customer Number. 35690 QR. Firm or Individual Name Address City ZipCountry Telephone Email Assignee Name and Address: Intellectual Ventures Holding 88 LLC 7251 W Lake Mead Blvd Ste 300 Las Vecas, Nevada 89128 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee Signature Date 29 oct 20/2, Name

This collection of information is required by 37 CFR 1.31, 1.32 and 1.32. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTC) to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed approaches form to the USPTC. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1460, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Authorized Person for Intellectual Ventures Holding 88 LLC

Telephone

Jeanne Suchodolski

Title

DECLARATION REGARDING AUTHORITY TO SIGN ON BEHALF OF A LEGAL ENTITY 37 C.F.R. 3.73(b)(2)(i)

I, Jeanne Suchodolski (whose title is supplied below), hereby declare that I am authorized to sign documents on behalf of Intellectual Ventures Holding 88 LLC.

Jeanne Suchodolski

Authorized Person for Intellectual Ventures Holding 88 LLC

29007 7002

Date